

FIG. 1

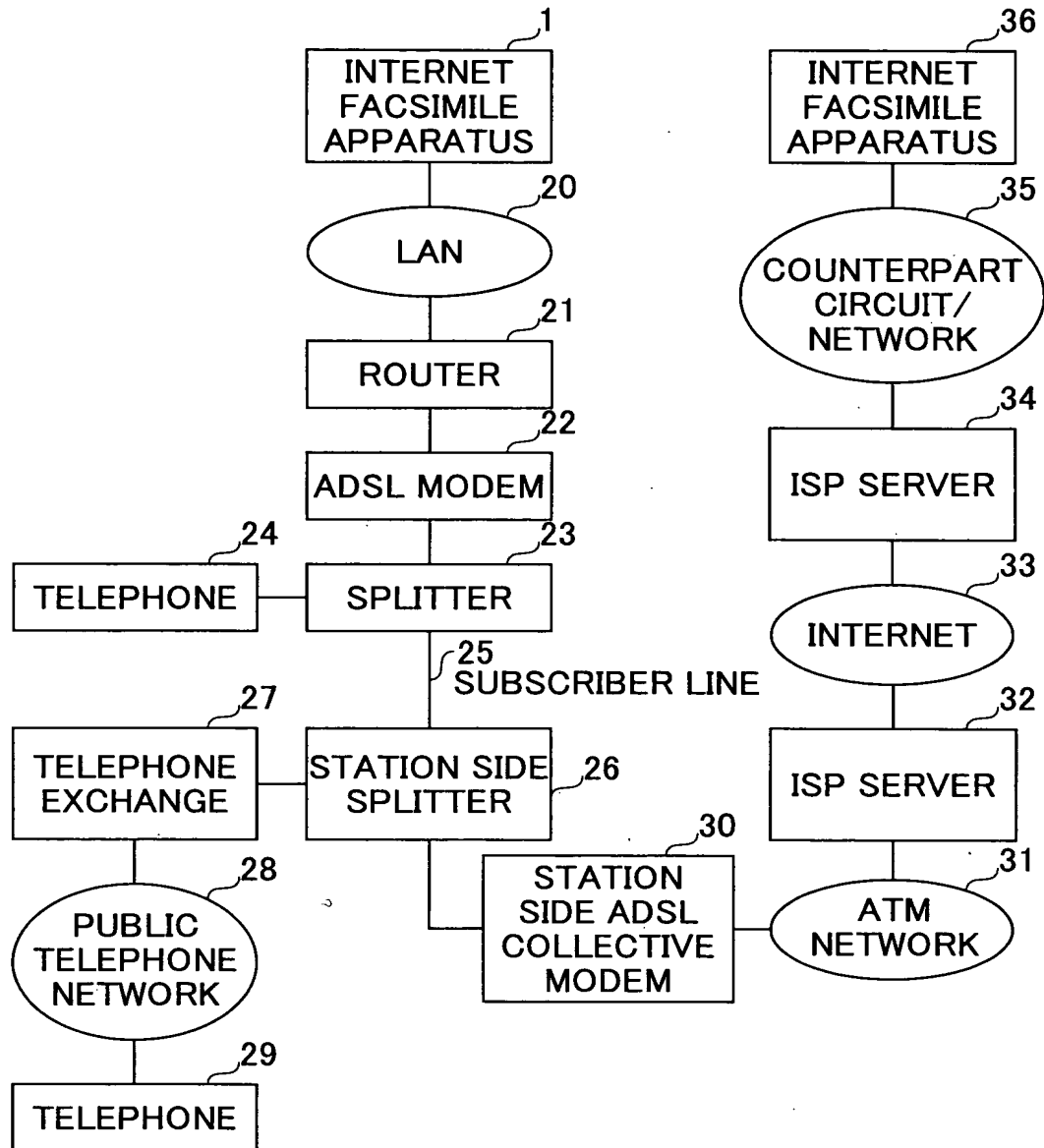


FIG.2

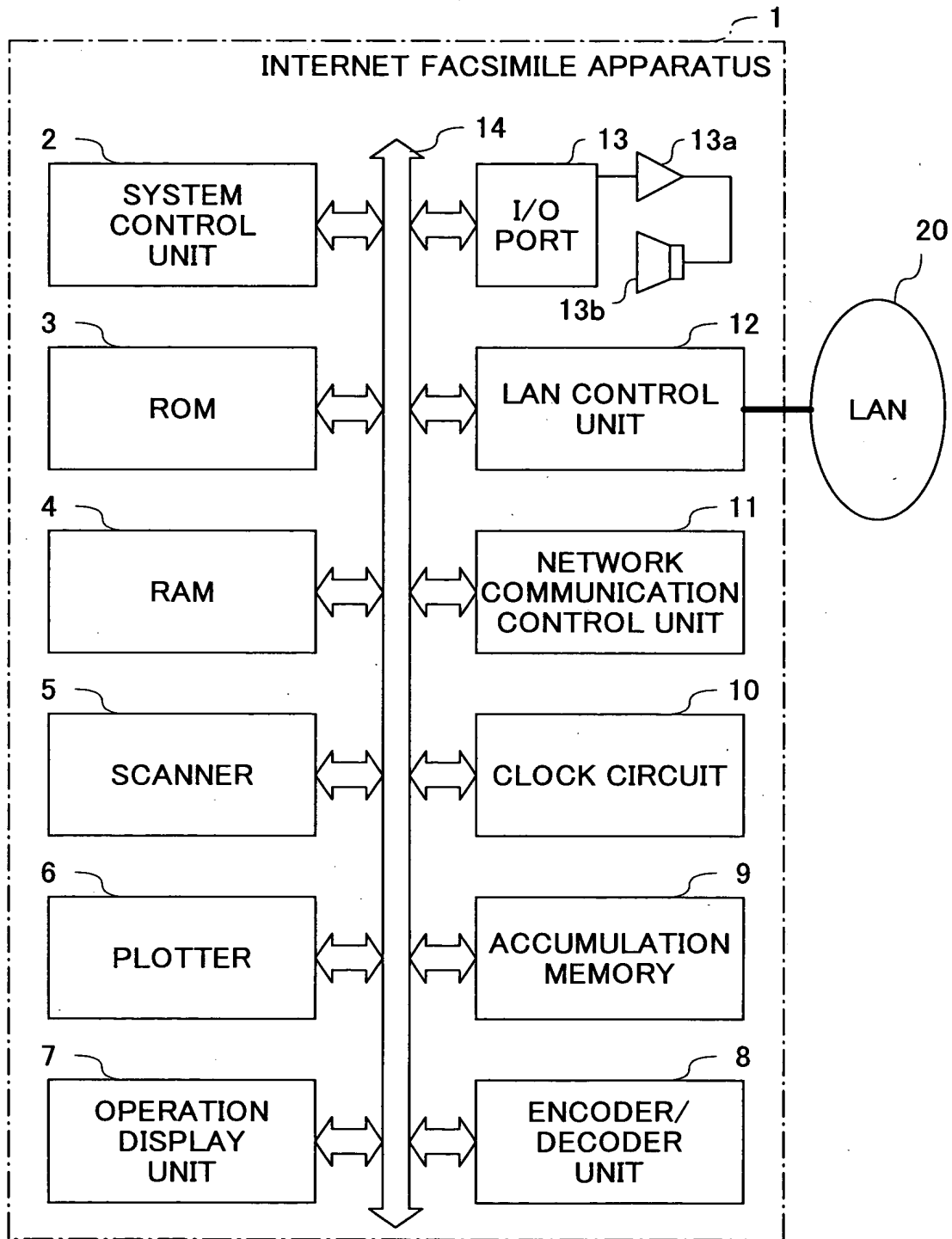


FIG.3

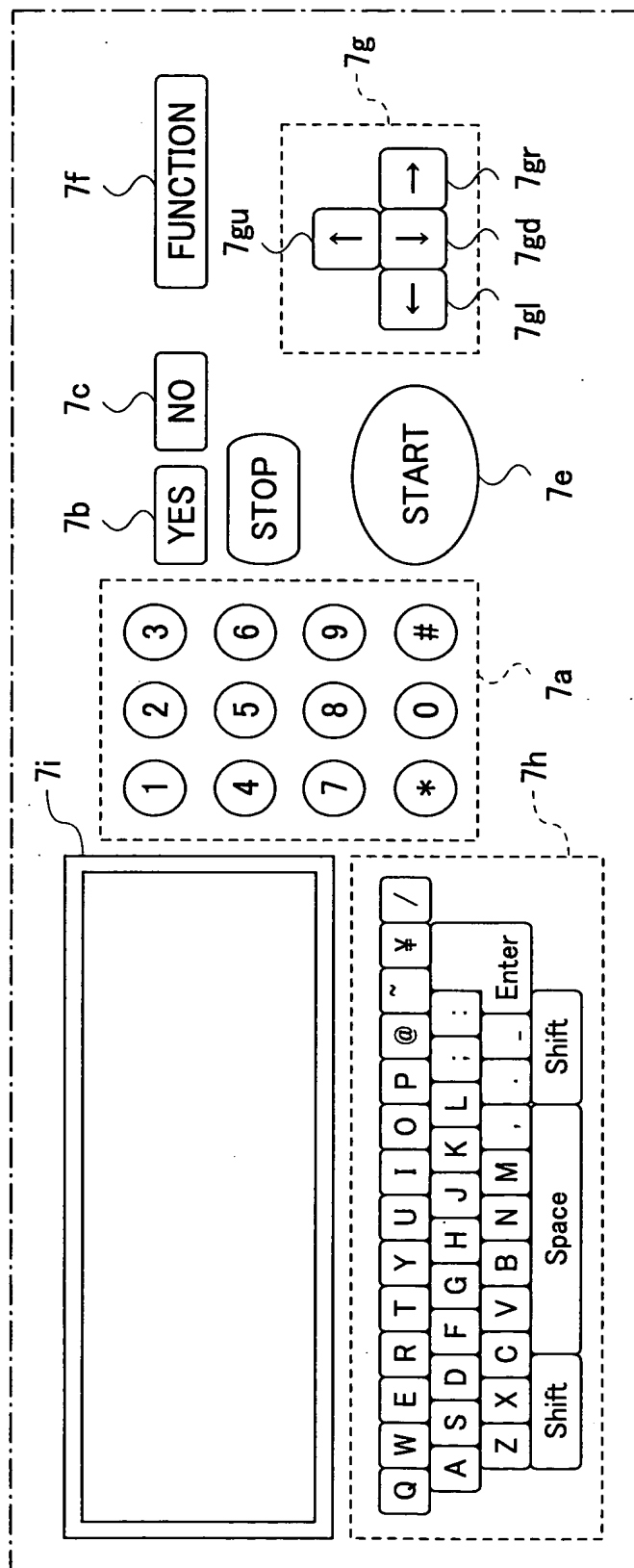


FIG.4

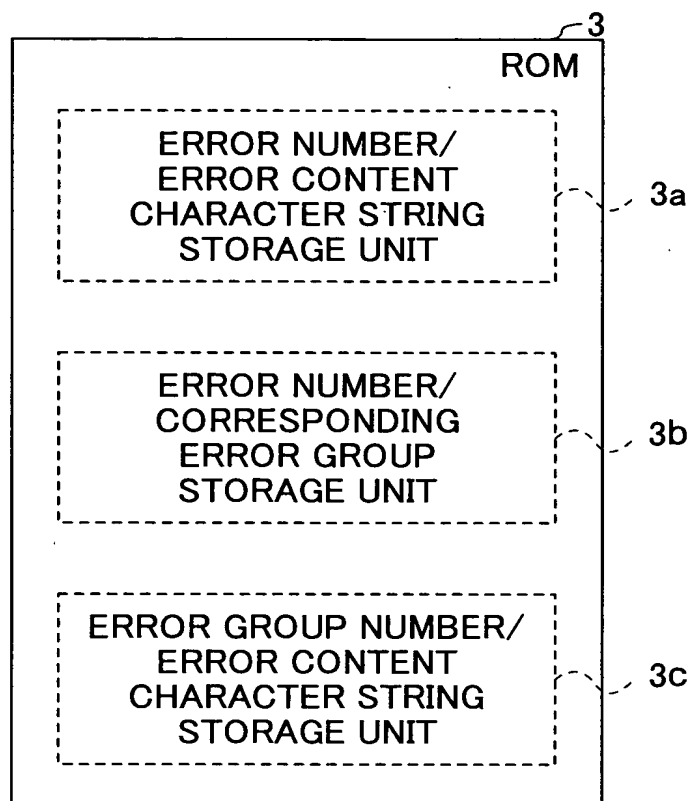


FIG.5

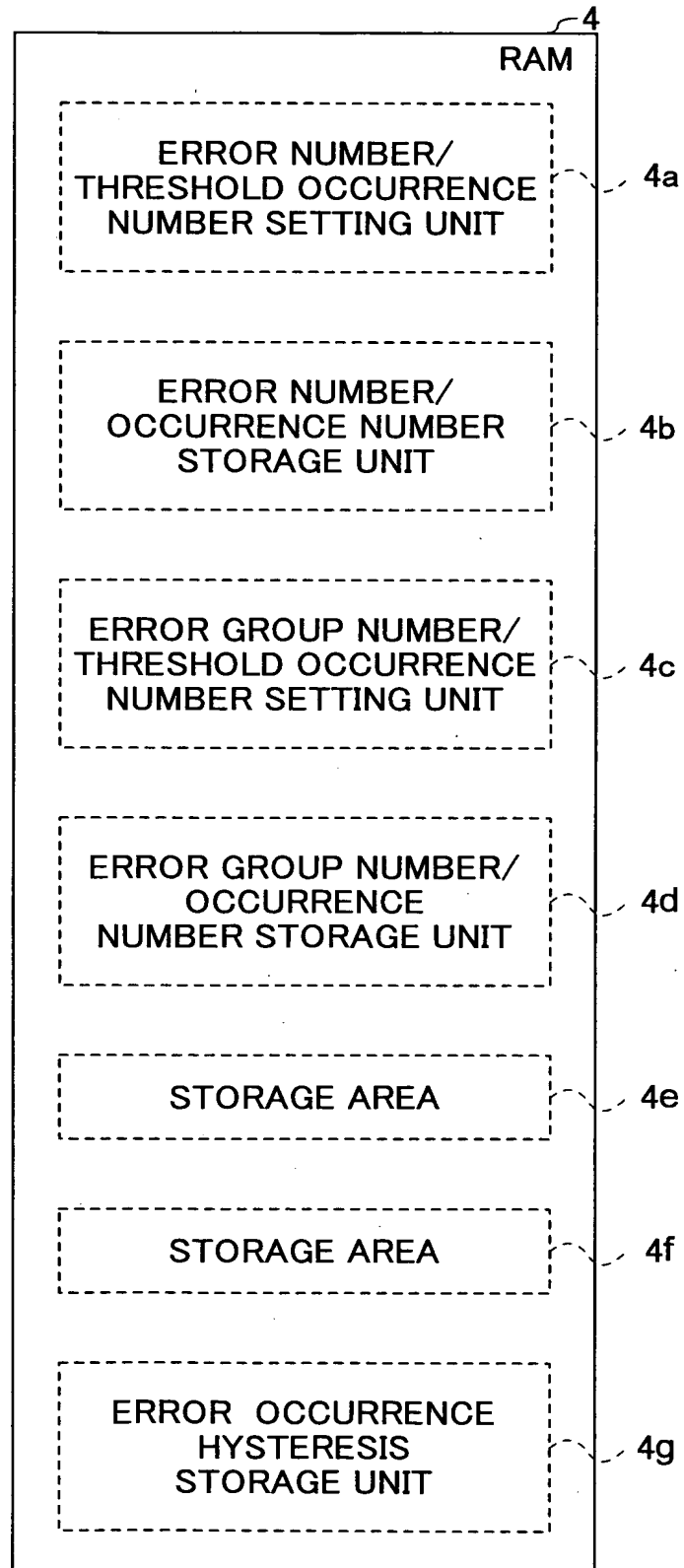


FIG.6

3a

ERROR NUMBER/ERROR CONTENT CHARACTER STRING STORAGE UNIT	
ERROR NUMBER	ERROR CONTENT CHARACTER STRING
01	DNS SERVER CANNOT BE FOUND
02	POP SERVER CANNOT BE FOUND
03	SMTP SERVER CANNOT BE FOUND
04	CANNOT LOGIN TO POP SERVER
05	LINE DISCONNECTED DURING POP SERVER CONNECTION
06	SMTP SERVER IS BUSY
07	LINE DISCONNECTED DURING SMTP SERVER CONNECTION
⋮	⋮

FIG.7

4a

ERROR NUMBER/THRESHOLD OCCURRENCE NUMBER SETTING UNIT	
ERROR NUMBER	THRESHOLD OCCURRENCE NUMBER
01	3
02	2
03	2
04	4
05	2
06	1
07	4
⋮	⋮

FIG.8

4b

ERROR NUMBER/OCCURRENCE NUMBER STORAGE UNIT	
ERROR NUMBER	OCCURRENCE NUMBER
01	2
02	1
03	0
04	0
05	0
06	0
07	1
⋮	⋮



FIG.9

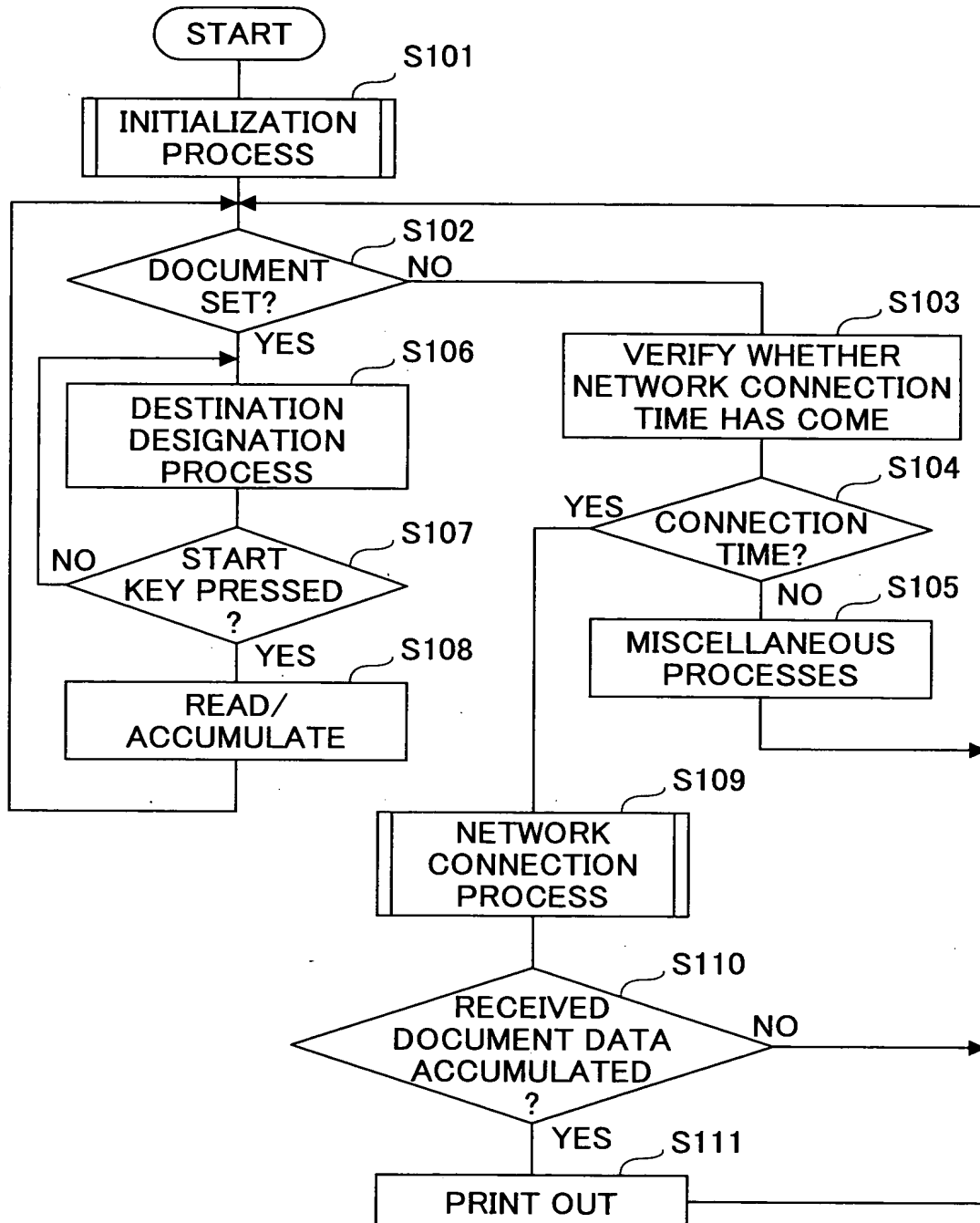


FIG.10

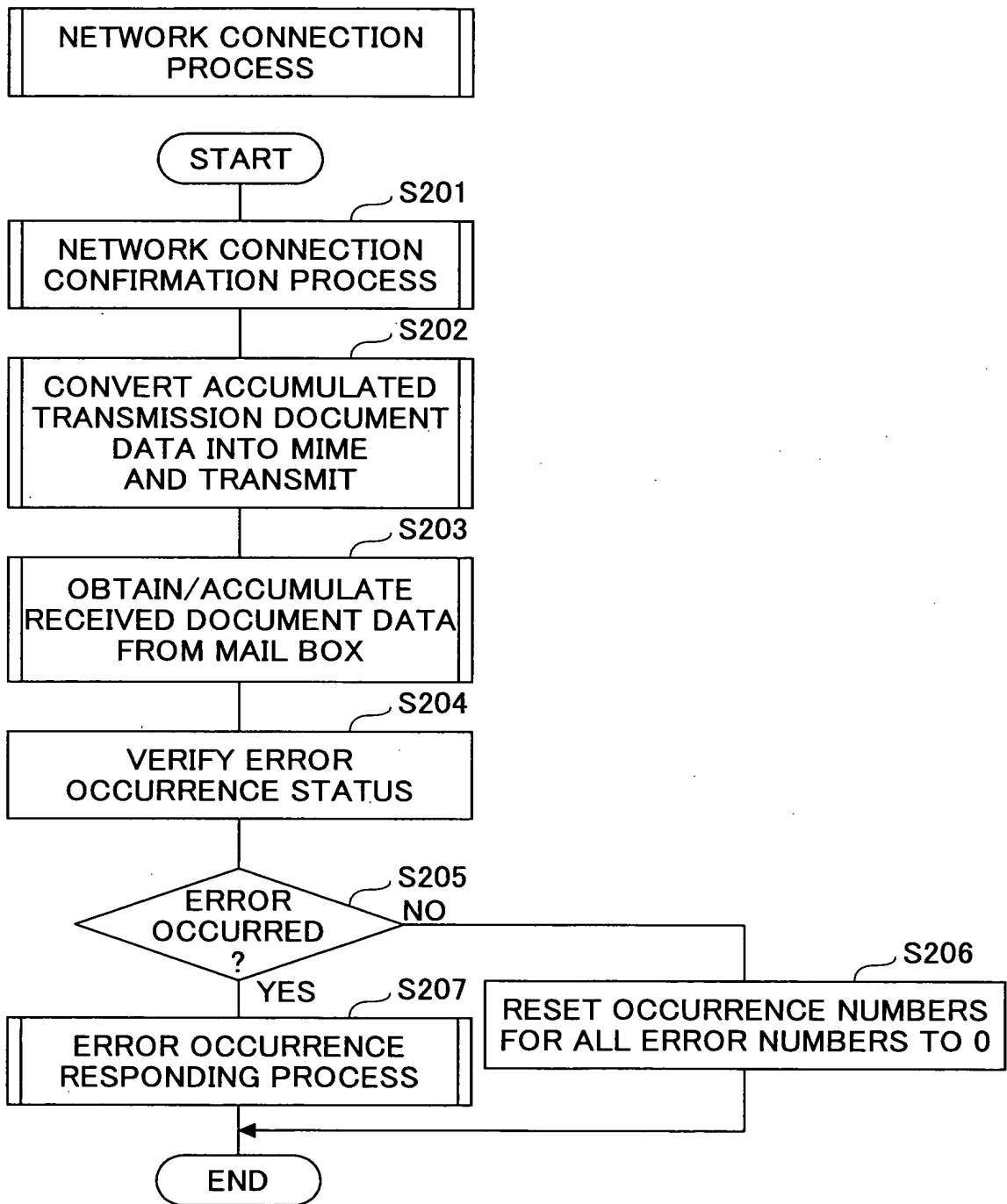


FIG.11

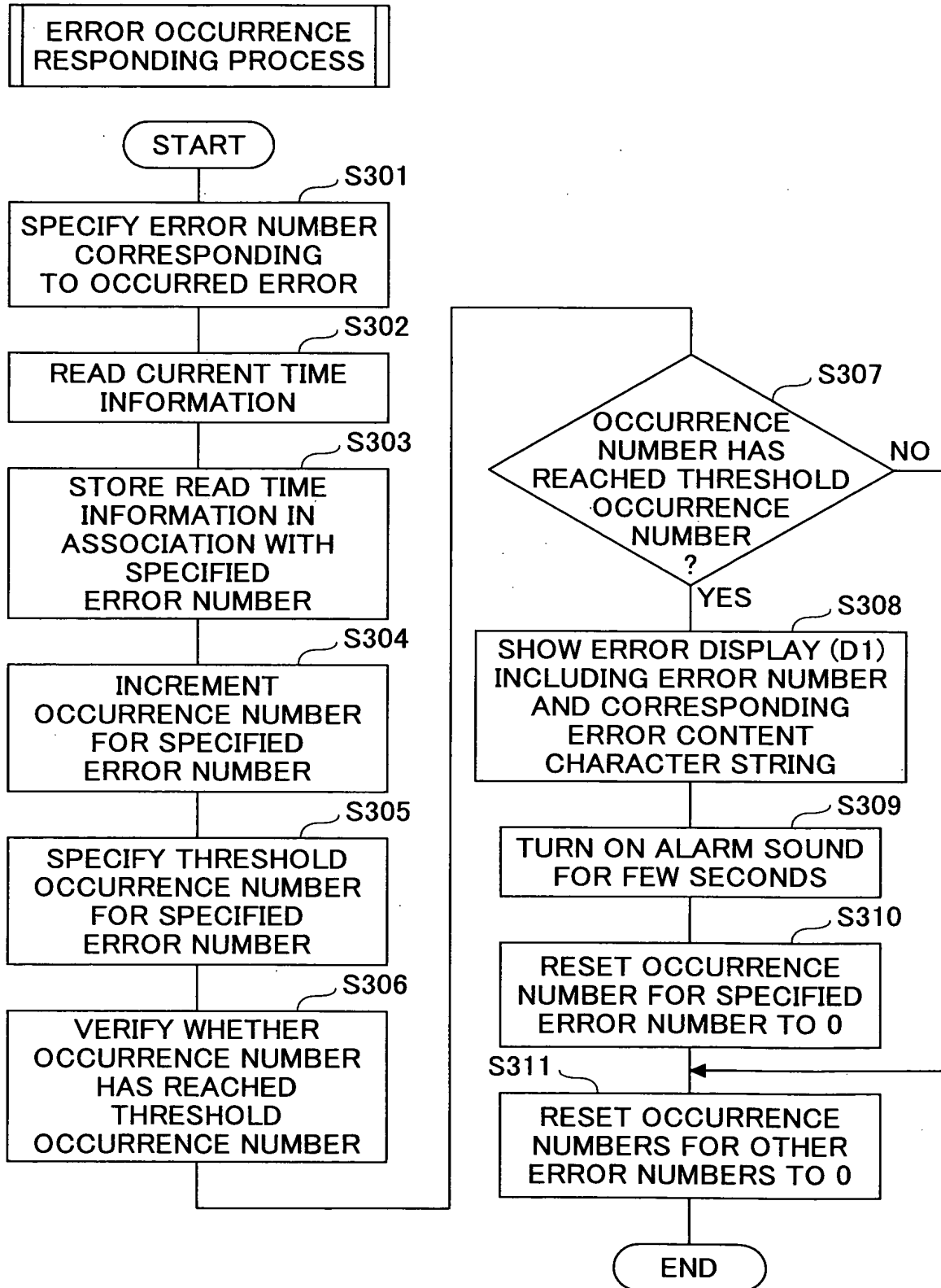


FIG.12

4a

ERROR OCCURRENSIS STORAGE UNIT	
ERROR OCCURRENCE TIME	ERROR NUMBER
2003/02/05 11:00	01
2003/02/05 13:15	02
2003/02/05 14:30	03
2003/02/05 16:45	04
2003/02/06 01:30	05
⋮	⋮

FIG.13

D1

ERROR HAS OCCURRED  
IN NETWORK COMMUNICATION

ERROR GROUP NUMBER : 04

ERROR CONTENT : CANNOT LOGIN TO POP SERVER

PRESS  AFTER CONFIRMATION

# FIG.14

3b

ERROR NUMBER/CORRESPONDING ERROR GROUP STORAGE UNIT	
ERROR NUMBER	CORRESPONDING ERROR GROUP NUMBER
01	00
02	01
03	02
04	01
05	01
06	02
07	02
⋮	⋮

↓

00	NO CORRESPONDING GROUP
----	------------------------

# FIG.15

3c

ERROR GROUP NUMBER/ERROR GROUP CONTENT CHARACTER STRING STORAGE UNIT	
ERROR GROUP NUMBER	ERROR GROUP CONTENT CHARACTER STRING
01	MAIL RECEPTION (POP) RELATED ERROR
02	MAIL TRANSMISSION (SMTP) RELATED ERROR
⋮	⋮

FIG.16

4c

ERROR GROUP NUMBER/ THRESHOLD OCCURRENCE NUMBER SETTING UNIT	
ERROR GROUP NUMBER	THRESHOLD OCCURRENCE NUMBER
01	3
02	2
⋮	⋮

FIG.17

4d

ERROR GROUP NUMBER/ OCCURRENCE NUMBER STORAGE UNIT	
ERROR GROUP NUMBER	OCCURRENCE NUMBER
01	1
02	0
⋮	⋮

FIG.18

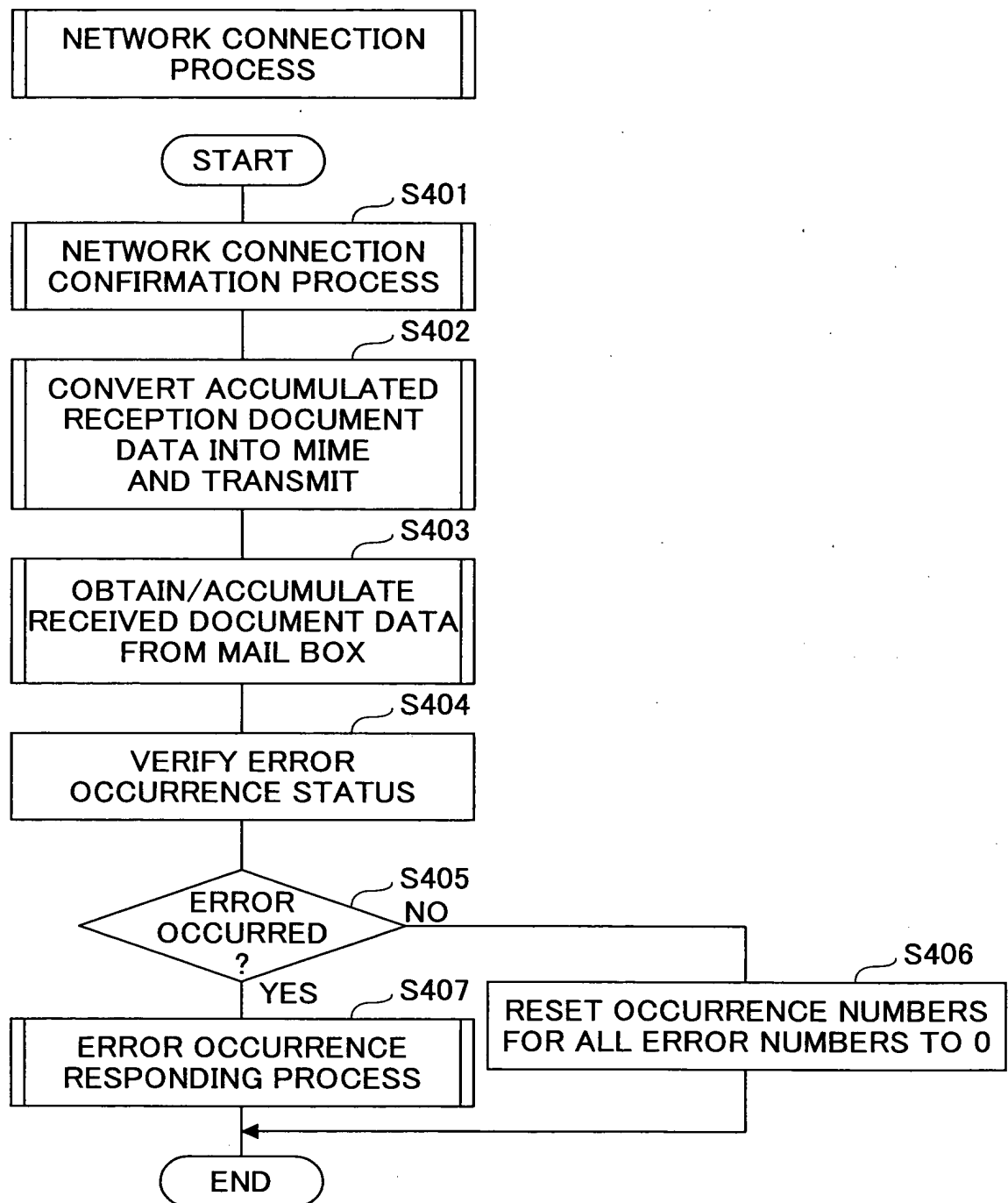


FIG.19

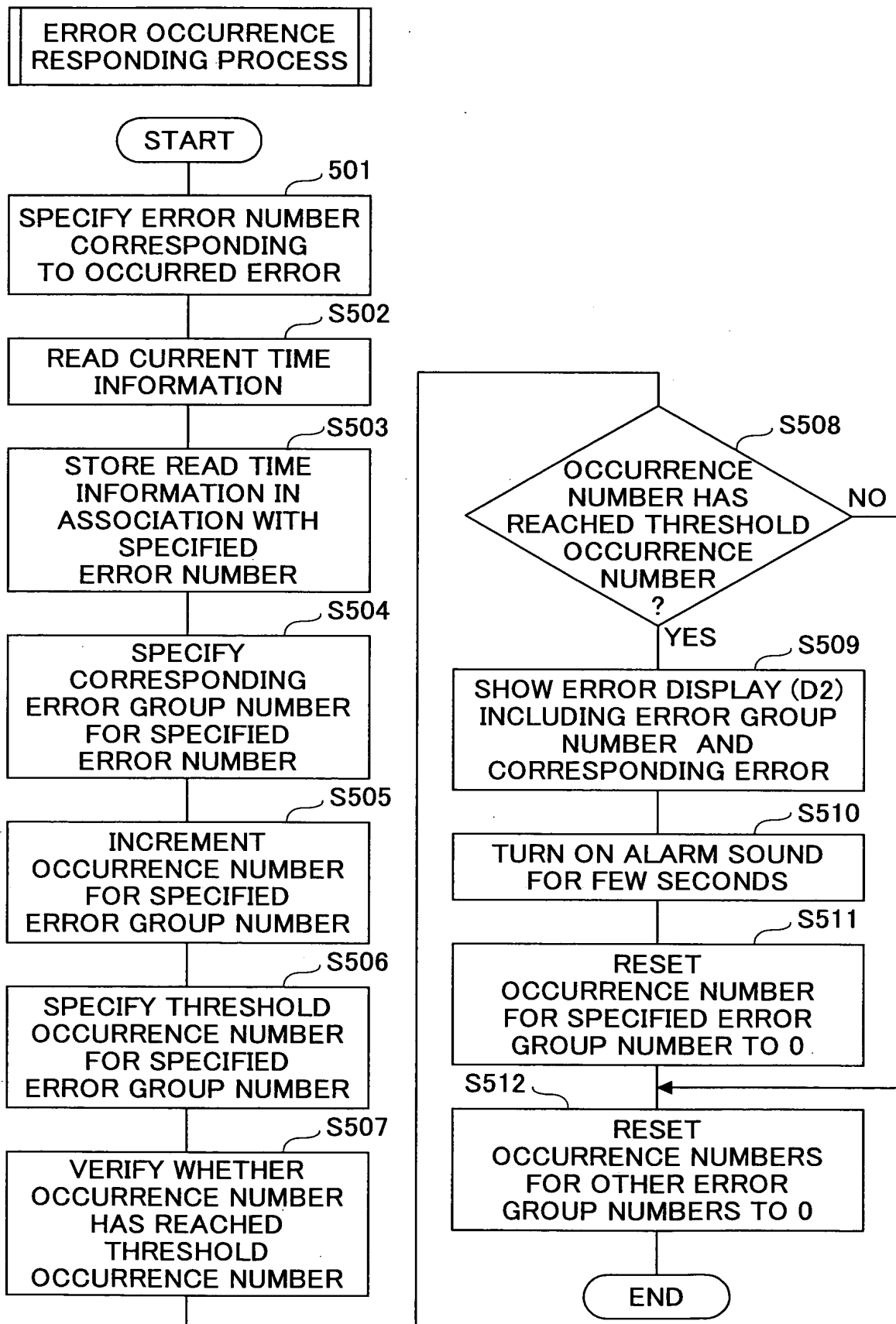




FIG.20

D2

ERROR HAS OCCURRED  
IN NETWORK COMMUNICATION

ERROR GROUP NUMBER : 01

ERROR CONTENT : MAIL RECEPTION (POP)  
RELATED ERROR

PRESS  AFTER CONFIRMATION

FIG.21

4e

ERROR NUMBER OF  
CURRENT ERROR

ERROR NUMBER OF  
PREVIOUS ERROR

SUCCESSIVE OCCURRENCE  
COUNT NUMBER OF  
SAME ERROR

SUCCESSIVE OCCURRENCE  
THRESHOLD NUMBER OF  
SAME ERROR

FIG.22

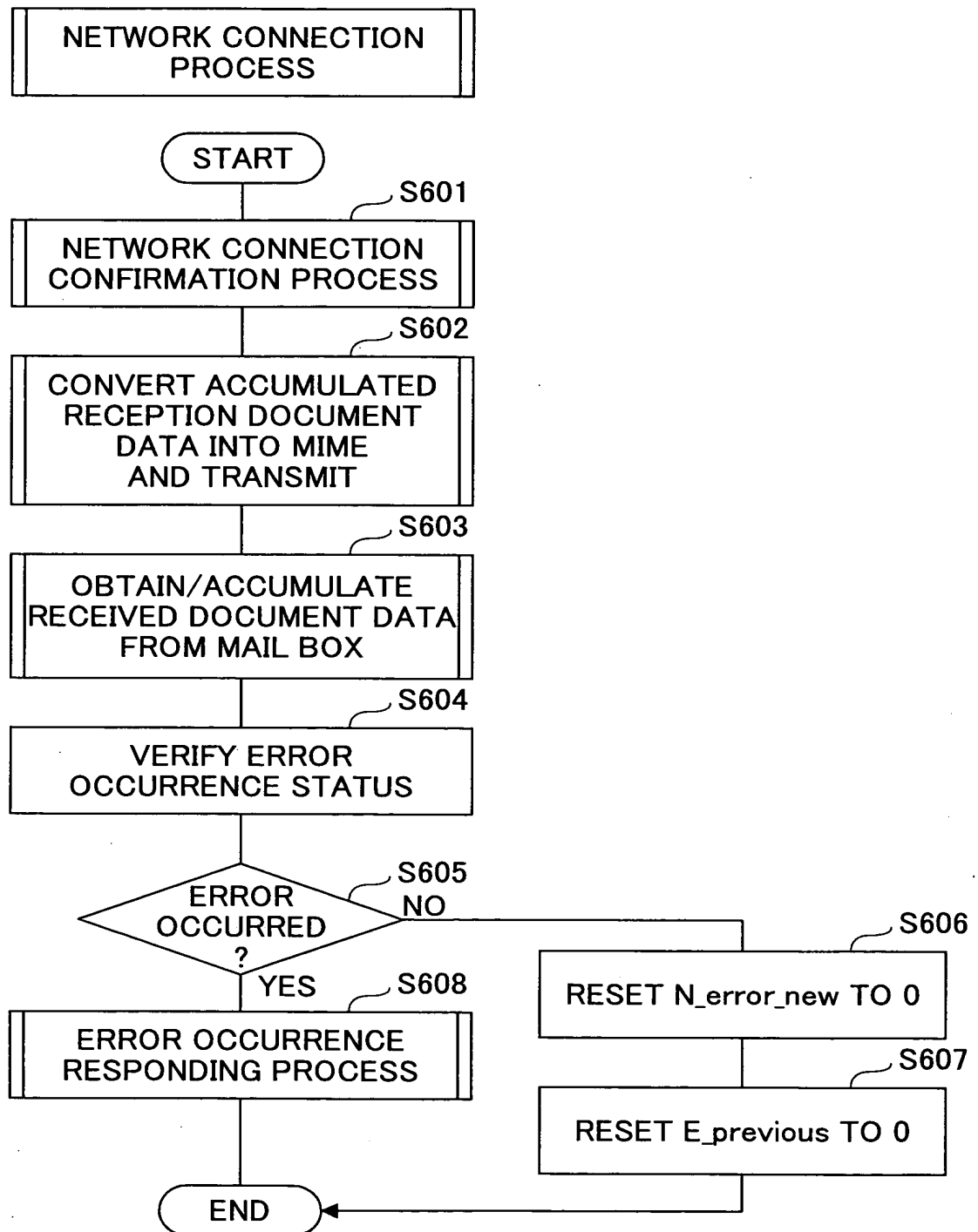


FIG.23

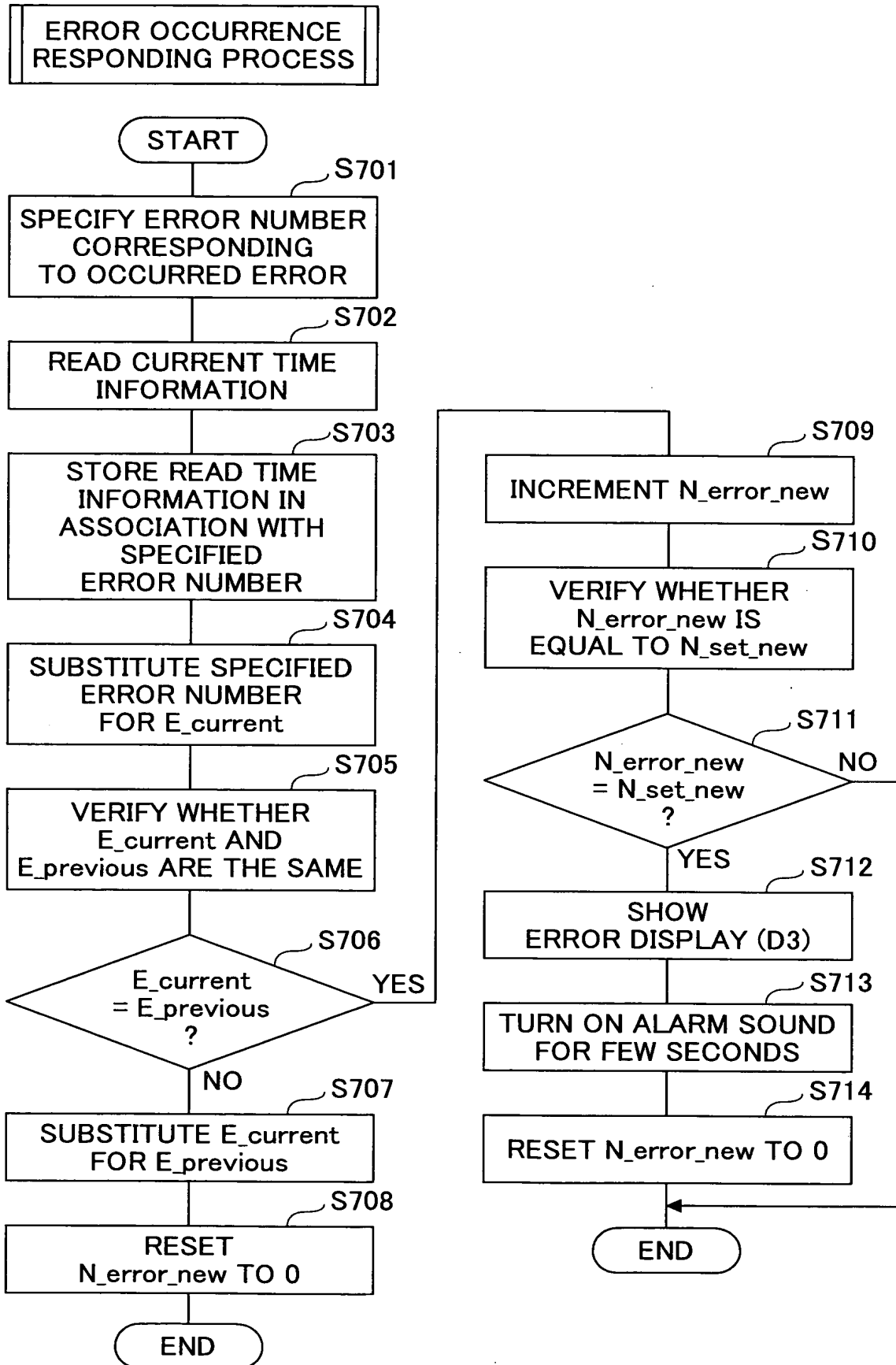


FIG.24

D3

ERROR HAS OCCURRED  
IN NETWORK COMMUNICATION

ERROR NUMBER : 03

ERROR CONTENT : SERVER CANNOT BE FOUND

PRESS  AFTER CONFIRMATION

FIG.25

4f

NETWORK COMMUNICATION RELATED ERROR OCCURRENCE COUNT NUMBER (N_error_all)
NETWORK COMMUNICATION RELATED ERROR OCCURRENCE THRESHOLD NUMBER (N_set_all)

FIG.26

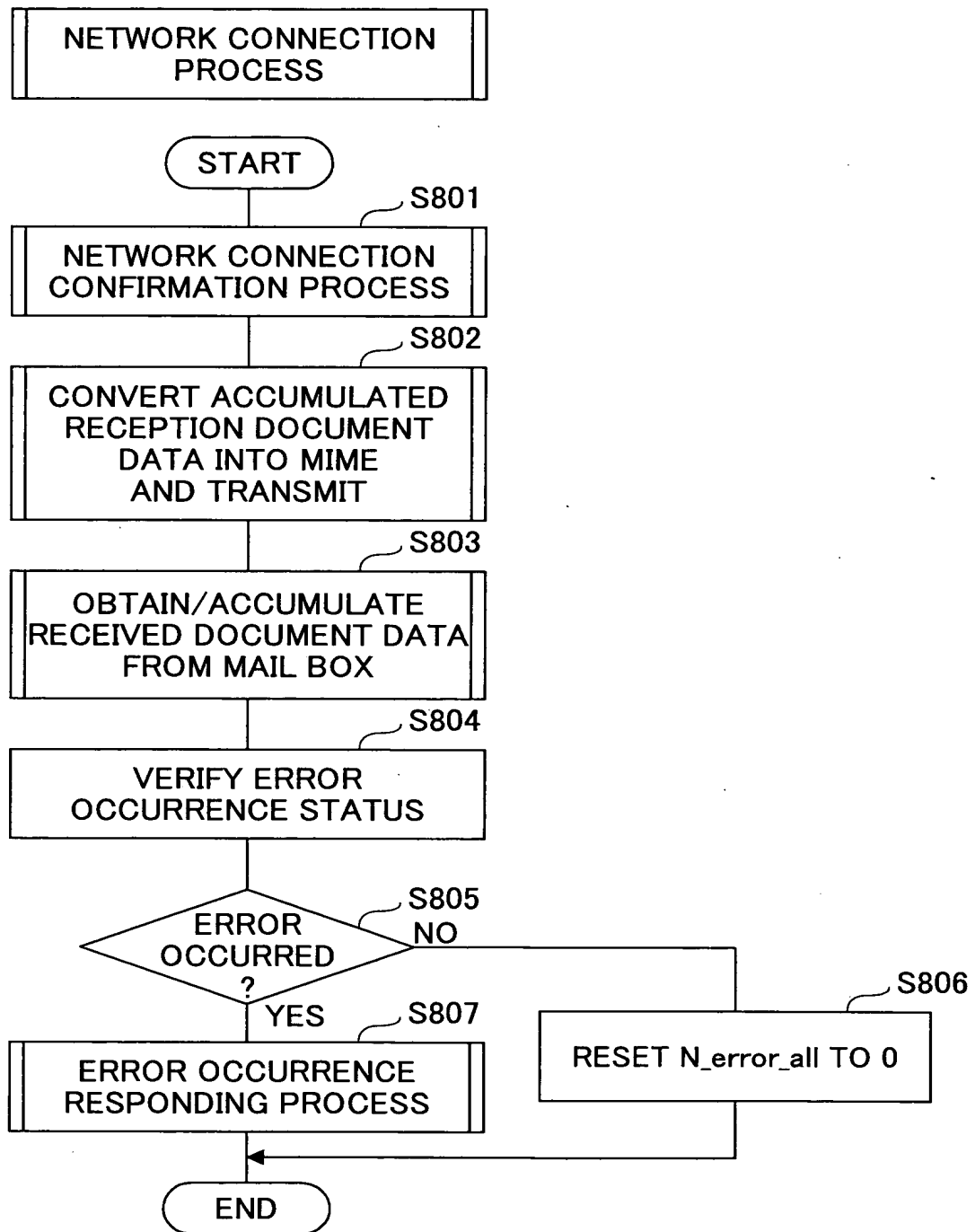


FIG.27

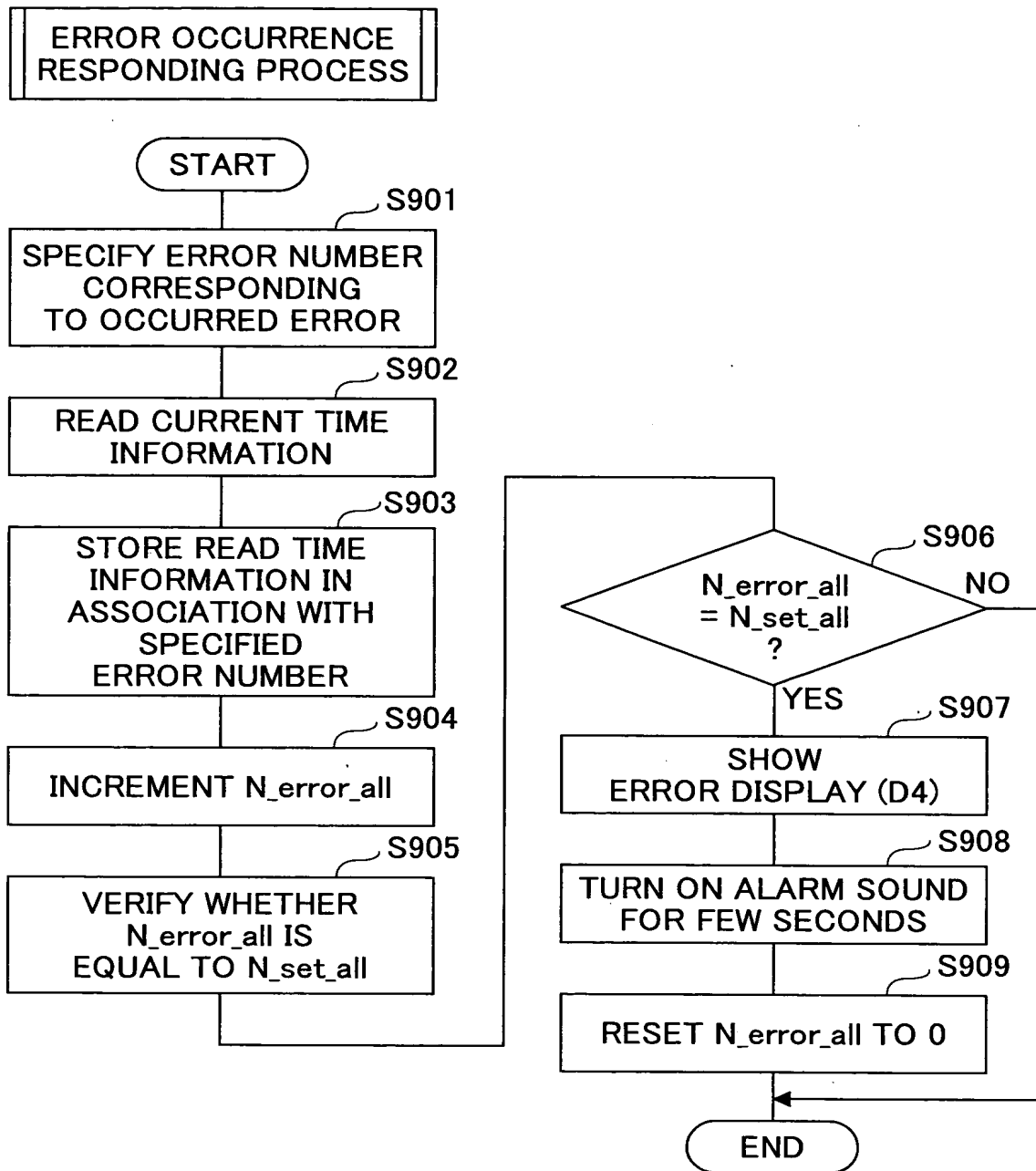


FIG.28

